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		CENTRAL INTELLIGENCE AGENCY	REPORT NO	25X1
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	SUBJEC	▼ Soviet steel Production Practices, Terminology	NO OF PAGES 2	* * * * * * * * * * * * * * * * * * *
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26 1.7				Teath ay Age (as a chuir) No ceann an Air an Air an Chuir an Air a Na ceann an Air an
	5.	ment includes ingots and castings, not just ingots. Soviet term, "Steel Smelting" (BOINABKA which is usually used in industrial plants and in reputation fulfillment. This term should be interpreted to embrace all smelted [sic] steel, which includes be soviet announcements of rolled steel (CTANBH production includes all steel which has been formed by COSKATUE.) process such as forging, etc. This interpretation of the term "rolle	orts of industrial pro- literally and exactly th ingots and castings. ON TROKAT y any squeezing [sig] rolling, pressing.	
		has been accepted by common usage:	_	25X1 23X1
		even includes steel castings which have been "squeese types of armor plate. In this connection,	Rolled steel. d" /sic/ such as some	
		a 15,000-matric ton press which was designed to	roduce 420 mg shick	25X1 25X1
		armor plate; this "pressed" armor plate would be inclusted category. that all items produce		25X1
		method (and all other "densifying" processes) would be	termed rolled steel	25X1
		Steel produced at all plants which make steel such as Kramatorsk machine building plants, is included in Sor steel production the announcement is under the heading BUINABKA CTANA — see paragraph aware of the fact, however, that some fabricating places of the fact, however, that some fabricating places and sometimes for other similar fabricating plant and sometimes for other similar fabricating plant and sometimes for other similar fabricating plant and sometimes for other similar fabricating plants of the army a possible example of this differentiation of the army and Many material producing plants, which	riet announcements of g-steel smelting - 1/. One should be ats having their own tion by their parent ts) may be under the 1stry of Formus	
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own steel, under the Ministry of Heavy Machine Building. A fairly accurate rule of thumb would be to lump the purely steel producing plants under the category of "large metallurgy" and the captive steel producing shops of steel fabricating plants under the "small metallurgy" category.

"Indices are the tools and weapons of the Party" is a current axiom in the USSR. This conception must always be born in mind in placing reliance upon Boylet announcements of coefficients of utilization in blast furnaces and open hearth furnaces or, indeed, in any official index subject to a comparative interpretation. Any index, coefficient, record, etc, which is published is always a figure which has been achieved either under impossibly ideal circumstances or by using a theoretical capacity which is practically impossible to achieve. They should never be regarded as a mean or norm. For example, the records set by Stakhanov, Krivonos, Gudov and Mazai were actually attained but only by the Soviets specially creating ideal work situations for them. Gudov, a machinist, set his record with the aid of several set up men, special ligs, inspection specifications, product a locomotive engineer who made a record run, but only after the track was cleared, and all signals were set for him to open the throttle at full speed. These indices are then applied to an industry as a goal; they are a record, not a mean or norm although the mean or norm is predicated upon them. These means or norms have been established for the performance of equipment, as well as for actual production of end items. The mean coefficients for an industry or process should never be

the Soviets, when speaking of the hearth area of an open nearth furnace, mean the surface area of the molten metal when it stands at sill plate level. True to form, they use the highest possible theoretical capacity figure, whereas in the US the hearth area is the square footage of the furnace bottom related to a bath of approximately 30 inches in

6. Rolling mills in the USSR are designated by "center distance" which is the distance between the centers of the pinions in the pinion stands; this designation applies to roughing, blooming and slabbing mills. Sheet and strip mills are designated by the length of the face of the rolls type of mill Mannesman, for example. The above data apply to single stand mills only. Multistand mills are designated by the above characteristics as applied to the finishing stand, plus the number of stands in the mill. A general descriptive term is also added, such as "structural mill",

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